



South Coast Air Quality Management District  
21865 Copley Drive, Diamond Bar, CA 91765-4178  
**PERMIT TO OPERATE**

Page 1  
Permit No.  
G44884  
A/N 555257

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.  
If the billing for the annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

**Legal Owner  
or Operator:**

STERIGENICS US, INC.  
2015 SPRING RD, STE 650  
OAK BROOK, IL 60523

ID 126197

**Equipment Location:** 4900 S GIFFORD AVE, LOS ANGELES, CA 90058-2785

**Equipment Description :**

AIR POLLUTION CONTROL SYSTEM, ABATOR DONOLDSON CONSISTING OF:

1. PREFILTER
2. PRIMARY HEAT EXCHANGER
3. MAXON LOW NOX BURNER, NATURAL GAS FIRED, 7,500,000 BTU PER HOUR, WITH A 5 HP COMBUSTION AIR BLOWER
4. CATALYST BED CONSISTING OF TWO (2) BANKS OF 24 TRAY-TYPE MANGANESE BASED CATALYTIC FILTER WITH 21 SQ. FT. SURFACE AREA
5. TWO SECONDARY HEAT EXCHANGERS, PLATE TYPE
6. RECIRCULATING BLOWER, 2 HP
7. EXHAUST SYSTEM WITH A 50 HP BLOWER, 15,000 CFM. VENTING EIGHT RETORT BACKDRAFT VENTS AND AN AREATION AREA

**Conditions :**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
3. THE TEMPERATURE OF THE CATALYST BED SHALL BE MAINTAINED BETWEEN 240 AND 500 DEGREES FAHRENHEIT AS INDICATED BY A PROPER TEMPERATURE RECORDER.
4. AT LEAST ONCE A DAY THE CATALYST BED TEMPERATURE SHALL BE RECORDED.



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5. THIS CONTROL SYSTEM AND ALL THE DEVICES AND COMPONENTS WHICH ARE CONNECTED TO THIS SYSTEM SHALL BE LEAK TESTED EVERY SIX MONTHS USING THE LATEST CARB TEST METHOD DURING CONDITIONS OF MAXIMUM STERILANT GAS FLOW.
6. AT LEAST ONCE EVERY CALENDAR YEAR, SOURCE TESTS SHALL BE CONDUCTED TO VERIFY COMPLIANCE WITH REQUIRED ETO EMISSION CONTROL EFFICIENCY OF THIS EQUIPMENT. RULE 1405 REQUIRES THIS CONTROL SYSTEM SHALL ACHIEVE 99 PERCENT OR BETTER ETO EMISSION CONTROL EFFICIENCY.
7. THE OPERATOR OF THIS EQUIPMENT SHALL COMPLY WITH ALL REQUIREMENTS SPECIFIED IN CARB ETHYLENE OXIDE AIR BORNE TOXIC CONTROL MEASURE (ATCM) FOR STERILIZERS AND AERATORS, PARTS 1 AND 2 UNDER TITLE 17 OF CALIFORNIA CODE OF REGULATIONS, SECTIONS 93108 AND 93108.5 (17 CCR, SECTIONS 93108 & 93108.5).
8. THE OPERATOR OF THIS EQUIPMENT SHALL COMPLY WITH ALL REQUIREMENTS SPECIFIED IN THE NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP) FOR ETHYLENE OXIDE COMMERCIAL STERILIZATION AND FUMIGATION OPERATIONS UNDER CODE OF FEDERAL REGULATIONS, TITLE 40, PART 63 SUBPART O (40 CFR 63, SUBPART O).
9. THE BURNER OF THIS CONTROL SYSTEM SHALL COMPLY WITH THE FOLLOWING EMISSION LIMITS:  
  
NOX: 60 PPM @ 3% O<sub>2</sub>  
CO: 400 PPM @ 3% O<sub>2</sub>  
  
THE EMISSION LIMITS APPLY SOLELY WHEN BURNING 100% NATURAL GAS FUEL, AND NOT WHEN THE BURNER IS INCINERATING AIR TOXICS, VOCs, OR OTHER VAPORS.
10. WITHIN 120 DAYS OF THE COMMENCEMENT OF THE NEW BURNER OPERATION, A SOURCE TEST SHALL BE CONDUCTED TO VERIFY COMPLIANCE WITH CONDITION NO. 9. THE SOURCE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF RULE 1147 (c)(3) AND (d).
11. RECORDS OF LEAK TESTS, SOURCE TESTS AND OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE AQMD PERSONNEL UPON REQUEST. AT MINIMUM THE MOST RECENT TWO YEARS OF RECORDS SHALL BE RETAINED ON SITE.





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### NOTICE

In accordance with Rule 206, this Permit to Operate or copy shall be posted on or within 8 meters of the equipment.

This permit does not authorize the emission of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the applicable Rules and Regulations of the South Coast Air Quality Management District (SCAQMD). This permit cannot be considered as permission to violate existing laws, ordinances, regulations or statutes of other government agencies.

Executive Officer

A handwritten signature in black ink that reads 'Dorris M. Bailey'.

By Dorris M. Bailey/DL06  
2/8/2017



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